

WHAT IS CLAIMED IS:

1. An apparatus (for fabricating a thermoelectric material comprising:)

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a container for mixing and heat-melting raw material having a predetermined composition;

a funnel or a pouring port for pouring the molten metal of the heat-melted raw material; and

a rotating disk made of silicon nitride or a material containing silicon nitride for scattering the poured molten metal.

2. An apparatus for fabricating a thermoelectric material as defined in claim 1, wherein the rotating disk is manufactured from a material containing 90% or more of silicon nitride.

3. A method of fabricating a thermoelectric material comprising:

a step of mixing and heat-melting a raw material having a predetermined composition;

a step of pouring the molten metal of the heat-melted raw material on a rotating disk manufactured from silicon nitride or a material containing silicon nitride;

a step of scattering the poured molten metal by said

rotating disk into fine globular forms; and
a step of cooling said fine globular forms.

4. A method of fabricating a powdery thermoelectric material as defined in claim 3, wherein said rotating disk is manufactured from a material containing 90% or more of silicon nitride.

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